Parallel Computing 5 (1987) 379–380
North-Holland

Author Index to Volume 5 (1987)

(The issue number is given in front of page numbers)

Bjørstad, P.E., A large scale, sparse, secondary storage, direct linear equation solver for structural analysis and its implementation on vector and parallel architectures (1, 2) 3– 12

Caltabiano, R., *see* **Clementi, E.** (1, 2) 13– 44
Carnevali, A., *see* **Clementi, E.** (1, 2) 13– 44
Chin, S., *see* **Clementi, E.** (1, 2) 13– 44
Chu, E. and **George, A.**, Gaussian elimination with partial pivoting and load balancing on a multiprocessor (1, 2) 65– 74
Clementi, E., Detrich, J., Chin, S., Corongiu, G., Folsom, D., Logan, D., Caltabiano, R., Carnevali, A., Helin, J., Russo, M., Gnudi, A. and **Palamidese, P.**, Large-scale computations on a scalar, vector and parallel 'supercomputer' (1, 2) 13– 44
Corongiu, G., *see* **Clementi, E.** (1, 2) 13– 44

Dave, A.K. and **Duff, I.S.**, Sparse matrix calculations on the CRAY-2 (1, 2) 55– 64
De Bruijn, M.A., EPS: An 'elementary' programming system for the Delft Parallel Processor (3) 323–337
Detrich, J., *see* **Clementi, E.** (1, 2) 13– 44
Dongarra, J.J. and **Sorensen, D.C.**, A portable environment for developing parallel FORTRAN programs (1, 2) 175–186
Dongarra, J.J. and **Johnsson, L.**, Solving banded systems on a parallel processor (1, 2) 219–246
Duff, I.S., *see* **Dave, A.K.** (1, 2) 55– 64

Evans, D.J., *see* **Stojmenović, I.** (3) 373–375

Folsom, D., *see* **Clementi, E.** (1, 2) 13– 44

Gaffney, P., Editorial (to Special Issue "Proceedings of the International Conference on Vector and Parallel Computing: Issues in Applied Research and Development, 2–6 June 1986, Loen, Norway") (1, 2) 1– 2
George, A., *see* **Chu, E.** (1, 2) 65– 74
George, A., Heath, M.T., Ng, E. and **Liu, J.**, Symbolic Cholesky factorization on a local-memory multiprocessor (1, 2) 85– 95
Gnudi, A., *see* **Clementi, E.** (1, 2) 13– 44
Gonzalez, R. and **Wheeler, M.F.**, Domain decomposition for elliptic partial differential equations with Neumann boundary conditions (1, 2) 257–263
Greenstadt, J., *see* **Karp, A.H.** (3) 281–294
Gropp, W.D., Solving PDEs on loosely-coupled parallel processors (1, 2) 165–173

Heath, M.T., *see* **George, A.** (1, 2) 85– 95
Helin, J., *see* **Clementi, E.** (1, 2) 13– 44
Hockney, R.W., Parametrization of computer performance (1, 2) 97–103
Hoshino, T., Shirakawa, T. and **Tsuboi, K.**, Mesh-connected parallel computer PAX for scientific applications (3) 363–371
Houstis, C.E., Houstis, E.N. and **Rice, J.R.**, Partitioning PDE computations: Methods and performance evaluation (1, 2) 141–163
Houstis, E.N., *see* **Houstis, C.E.** (1, 2) 141–163

Itoh, M. and **Uchida, K.**, Trends in Fujitsu large scale computer technology (1, 2) 105–115

Johnsson, L., *see* **Dongarra, J.J.** (1, 2) 219–246

Kang, Lishan, *see* **Shao Jianping** (3) 313–321

0167-8191/87/$3.50 © 1987, Elsevier Science Publishers B.V. (North-Holland)

Karp, A.H. and **Greenstadt, J.**, An improved parallel Jacobi method for diagonalizing a symmetric matrix (3) 281–294

Liu, J., *see* **George, A.** (1, 2) 85– 95
Logan, D., *see* **Clementi, E.** (1, 2) 13– 44

McBryan, O.A. and **Van de Velde, E.F.**, Matrix and vector operations on hypercube parallel processors (1, 2) 117–125
Mehrotra, P. and **Van Rosendale, J.**, The BLAZE language: A parallel language for scientific programming (3) 339–361
Meurant, G., Multitasking the conjugate gradient method on the CRAY X-MP/48 (3) 267–280
Missirlis, N.M., Scheduling parallel iterative methods on multiprocessor systems (3) 295–302

Ng, E., *see* **George, A.** (1, 2) 85– 95

O'Leary, D.P., Parallel implementation of the block conjugate gradient algorithm (1, 2) 127–139

Palamidese, P., *see* **Clementi, E.** (1, 2) 13– 44
Parkinson, D., Organisational aspects of using parallel computers (1, 2) 75– 83
Patrick, M.L., **Reed, D.A.** and **Voigt, R.G.**, The impact of domain partitioning on the performance of a shared memory multiprocessor (1, 2) 211–217

Reed, D.A., *see* **Patrick, M.L.** (1, 2) 211–217
Rice, J.R., *see* **Houstis, C.E.** (1, 2) 141–163
Russo, M., *see* **Clementi, E.** (1, 2) 13– 44

Shao Jianping and **Kang Lishan**, An asynchronous parallel mixed algorithm for linear and nonlinear equations (3) 313–321
Shirakawa, T., *see* **Hoshino, T.** (3) 363–371
Sorensen, D.C., *see* **Dongarra, J.J.** (1, 2) 175–186
Stewart, G.W., A parallel implementation of the QR-algorithm (1, 2) 187–196
Stojmenović, I. and **Evans, D.J.**, Comments on two parallel algorithms for the planar convex hull problem (*Short Communication*) (3) 373–375
Swarztrauber, P.N., Multiprocessor FFTs (1, 2) 197–210

Tsuboi, K., *see* **Hoshino, T.** (3) 363–371

Uchida, K., *see* **Itoh, M.** (1, 2) 105–115

Van de Velde, E.F., *see* **McBryan, O.A.** (1, 2) 117–125
Van der Vorst, H.A., Large tridiagonal and block tridiagonal linear systems on vector and parallel computers (1, 2) 45– 54
Van der Vorst, H.A., Analysis of a parallel solution method for tridiagonal linear systems (3) 303–311
Van Rosendale, J., *see* **Mehrotra, P.** (3) 339–361
Voigt, R.G., *see* **Patrick, M.L.** (1, 2) 211–217

Watanabe, T., Architecture and performance of NEC supercomputer SX system (1, 2) 247–255
Wheeler, M.F., *see* **Gonzalez, R.** (1, 2) 257–263